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Part 48 - Parachutes

3

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of the

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Cecil A. Ross

Senior Project Supervisor

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Address all correspondence to:

John R. Palmer
Managing Project Supervisor
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ABBREVIATIONS

- A.R.C. R. & M. - Great Britain. Aeronautical research committee. Reports and Memoranda.
- A.S.M.E. - American society of mechanical engineers, New York.
- Atti Assoc. ital. aerotecn. - Atti dell'Associazione italiana di aerotecnica. Roma.
- C.I.N.A. - Commission internationale de navigation aérienne, Genève.
- C. R. Acad. sci. - Comptes rendus hebdomadaires des séances de l'Académie des sciences, Paris.
- D.V.L. - Deutsche versuchsanstalt für luftfahrt, Berlin.
- F.A.I. - Fédération aéronautique internationale, Paris.
- H.M. Stat. off. - His Majesty's Stationery office, London.
- N.A.A. - National aeronautic association, Washington.
- N.A.C.A. - National advisory committee for aeronautics, Washington.
- N.P.L. - National physical laboratory, Teddington, England.
- Pub. scient. tech. Min. de l'air. - Publications scientifiques et techniques du Ministère de l'air. Service des recherches de l'aéronautique, Paris.
- R.A.F. - Royal air force (Great Britain)
- R.A.S. - Royal aeronautical society (Great Britain)
- Rend. Istituto sper. aer. - Rendiconto dell'Istituto, sperimentale aeronautico, Roma.
- S.A.E. - Society of automotive engineers, New York.
- U.S. Govt. print. off. - U.S. Government printing office, Washington.
- V.D.I. - Verein deutscher ingenieure, Berlin.
- W.G.L. - Wissenschaftliche gesellschaft für luftfahrt, Berlin.
- Z.A.M.M. - Zeitschrift für angewandte mathematik und mechanik, Berlin.
- Z.F.M. - Zeitschrift für flugtechnik und motorluftschiffahrt, München.

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PART I

BOOKS AND PAMPHLETS ON PARACHUTES

- Kamerad fallschirm; ein leitfaden für jeden, der mit fallschirmen zu tun hat, von Herbert Gratzky. Wien und Leipzig, Carl Gerold's sohn, 1937. 151 p. diagrs., illus., tables.
- Service manual for Irvin air chutes; safety parachutes for aeroplanes, balloons, dirigibles; standard life-saving equipment for United States army, navy marine corps; British air ministry; many other governments and numerous commercial companies throughout the world. Buffalo, Irving air chute company, inc., 1937. 48 p. illus.
- Hals über kopf, von E. Beltzig. Stuttgart, Franckh'sche verlagshandlung, 1936. 84 p. illus.
- Rip cord; thrills with parachutes, by Lloyd Graham. Buffalo, N. Y., Foster and Stewart, 1936. 108 p. illus.
- Roster of the Caterpillar club, prepared by the Information division, office of the Chief of the Air corps. Washington, U. S. Govt. print. off., 1934. 9 p.
- Handbetätigter "Pak" fallschirm der Pak g.m.b.h. Prag, 1933.
- Nine lives; the story of the parachutist John Tranum as written by himself. London, J. Hamilton, ltd., 1933. 256 p. plates, ports.
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- Test of fully adjustable safety harness combined with parachute harness from the Mills equipment company. London, H. M. Stat. off., 1932. 5 p. illus. (Royal aircraft establishment report M.T. 10,757)
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An Investigation of cotton for parachute cloth, by William
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nautics branch bulletin no. 7D)

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manufacturing company, 1930. 16 p. illus.

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Parachutes for airmen, by Charles Dixon. London, New York,
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Scendendo dal cielo. La storia e la pratica del salvataggio
aereo; prefazione di Italo Balbo, di Prospero Freri.
Milano, Ulrico Hoepli, 1930. 408 p. illus., plates.

The Structure and properties of parachute cloths, by H. J.
McNicholas and A. F. Hedrick. Washington, 1930. 28 p.
diagrs., illus., tables. (N.A.C.A. Technical notes no.
335)

Tales of the Caterpillar club. Jump! by Donald Glassman.
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Luftfahrten, von Carl Falkenhorst. (In his Bibliothek
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- Histoire des ballons et des aéronautes célèbres 1783-1890, par Gaston Tissandier. Paris, H. Launette et cie, 1877-90. 2 v. illus.
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- L'Art aérostatique. Histoire des ballons aérostats, globes aérostatiques, montgolfières, leurs théories, les diverses méthodes usitées pour leur construction; la manière de les enfler, soit en raréfiant au moyen du feu l'air atmosphériques qu'ils contiennent, soit en les remplissant de gaz hydrogène, leur direction, l'invention du parachute, etc. Paris, 1852. 36 p. illus.
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- Mémoire sur la direction des parachutes et même des aérostats, et description d'un gouvernail aérien, par Jules Vasseur. Paris, aux Bureaux du recueil chez Moléon, 1829. 12 p.
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- Fluglust, fluges beginnen und fluges fortgang, von August Wilhelm Zachariae. Leipzig, C. Cnobloch, 1822. 3 p. diagr.
- Relation du 32e voyage aérienne et de la descent en parachute de l'aéronaute Augustin à Lyon. Lyon, 1817. 84 p.
- Sur l'invention de la machine nommée parachute, par Sebastian Lenormand. Paris, 1804. (Also Annales des Arts et manufacturers, Paris, 1803, v. 16, p. 120-25)
- Particulars of the parachute, with a circumstantial account of M. Garnerin's ascent in the balloon, and his descent with the parachute, on Tuesday, Sep. 21, 1802. London, 1803. 11 p. illus.
- Air balloon and parachute. A circumstantial account of the three last aerial voyages made by M. Garnerin from Waux hall Gardens accompanied by Mme. Garnerin and M. Glassford on 5th Aug. 1802. London, A. Neil, 1802. 38 p.

PART II

PERIODICAL ARTICLES, BOOKS, PAMPHLETS, ETC.,
ON PARACHUTES, CLASSIFIED BY SUBJECT

AIRPLANE

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- Le Sauvetage collectif dans l'aviation de transport (avec
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nautique, Paris, Mar. 1934, v. 16, no. 178, p. 55-58.
illus.
- And now the ship packs a 'chute. Popular aviation, Chicago,
Feb. 1932, v. 10, p. 99.
- Chutes for ships. Western flying, Los Angeles, Feb. 1932,
v. 11, no. 2, p. 36.
- Huge chute to land cabin of disabled plane. Popular mechanics,
Chicago, Jan. 1932. v. 47, p. 16. illus.
- Le Parachute collectif. Les Ailes, Paris, 1932, v. 12, no. 559,
p. 4.
- Parachutes for planes, by L. Irwin. Air and airways, London,
Aug. 1931, v. 1, no. 4, p. 163-64. illus.
- Safety parachute for airplane. United States daily, Washington,
D. C., June 23, 1931, p. 4. illus.
- Huge parachute slowly lowers airplane. First trial by United
States army officers proves successful. Canadian air
review, Toronto, Jan. 1931, v. 3, no. 11, p. 28-29. illus.
- Airplane parachutes, by Alexander Klemin. Scientific american,
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- United States army air corps tests parachute for lowering
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v. 56, p. 45.
- Is the plane chute aviations next stop? Literary digest,
New York, Aug. 16, 1930, v. 106, p. 32. illus.
- Landing an airplane by parachute, by R. Turner. Aeronautics,
Chicago, Nov. 1929, v. 5, no. 5, p. 27, 62. illus.
- Un Paracadute per salvataggio di un intiero aeroplano. Rivista
aeronautica, Roma, Dec. 1928, v. 4, no. 12, p. 547-550.
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PARACHUTES - AIRPLANE

Parachutes for the entire plane. Scientific american, New York, Nov. 1928, v. 139, p. 448. illus.

A Plane-size parachute, by S. R. Winters. Literary digest, New York, Oct. 27, 1928, v. 99, p. 28. illus. (Also Popular aviation, Chicago, Oct. 1928, v. 3, no. 4, p. 24-25)

A Giant parachute. Mechanical engineering, New York, Sep. 1928, v. 50, p. 708. (Also Aero digest, New York, July 1928, v. 13, no. 1, p. 124)

Parr aero-ship chute. Aero digest, New York, Sep. 1928, v. 13, no. 3, p. 462.

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Parachute carries airplane to earth. Scientific american, New York, Nov. 1926, v. 135, p. 329. illus.

Plane is safely landed by giant parachute. Popular mechanics, Chicago, Nov. 1926, v. 46, no. 2, p. 705-707. illus.

Parachute lifts passenger cabin from disabled plane. Popular mechanics, Chicago, Nov. 1921, v. 36, p. 738. illus.

CATERPILLAR CLUB

Caterpillars still fly. Popular mechanics, Chicago, Dec. 1936, v. 66, p. 820-23. illus.

Caper for caterpillars. Sportsman pilot, New York, Feb. 1934, v. 12, p. 22-23.

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On letting your caterpillar policy lapse. Sportsman pilot, New York, Jan. 1933, p. 14-15.

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PARACHUTES - CATERPILLAR CLUB

- Bam! You're now a caterpillar! by Falk Harmel. Popular aviation, Chicago, Oct. 1931, v. 9, p. 17-18, 49, 51. illus., ports.
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- Facts and fables. The anatomy and histology of caterpillars, by Donald Glassman. Aeronautic review, Washington, Dec. 1929, v. 7, no. 12, p. 38, 58. illus., port.
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- Le Troisième concours de parachutes. L'Aérophile, Paris, Aug. 1-15, 1924, v. 32, no. 15-16, p. 260-261. illus.
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- Parachutes and the Air ministry competition, by E. R. Calthrop. Aeronautical engineering, London, Dec. 8, 1920, v. 19, no. 23, p. 886, 888.
- Prix offert à l'Aéro-club d'Amérique en vue d'un concours international de parachute d'aviation. La Conquête de l'air, Bruxelles, May 1, 1919, v. 12, no. 9, p. 97-98. (Also Flying, New York, Jan. 1919, v. 7, p. 1141-43)
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- Parachutes à harnais indépendants pour avions rapides d'entraînement, par A. Paricaud. L'Aéronautique, Paris, Jan. 1936, v. 18, no. 200, p. 13-19. illus.
- Parachute, by J. Kokoska. Airplane patent digest, New York, Dec. 31, 1935, v. 6, no. 24, p. 9.

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- How a modern 'chute is constructed, by G. W. de Grange.
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- Rigging the parachute, by N. Clark. Western flying, Los Angeles,
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- U. S. Army triangle 'chute, by T. L. Gregory. Popular aviation,
Chicago, Aug. 1934, v. 15, p. 89.
- Konstruktion der Pak fallschirme. Flugwesen, Prag, Mar.-Apr.
1933, v. 13, p. 18-19. illus.
- A New parachute. Aircraft engineering, London, Jan. 1933,
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- Sur quelques problèmes de mécanique des fluides relatifs aux
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- A New safety - belt harness. Flight, London, May 13, 1932,
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June 1931, v. 18, p. 112. illus.
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New York, Feb. 1931, v. 18, p. 105.
- Triangle parachute wins foreign favor. Dun's international
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